CLAIMS

1. An NRD guide transceiver characterized by comprising an NRD guide circuit comprising;

a pair of dielectric strips disposed between a pair of conductor plates arranged in parallel with each other at a specified interval,

an oscillator connected to one end of one of said pair of dielectric strips,

an antenna connected to one end of the other of said pair of dielectric strips and

Schottky barrier diodes respectively connected to the other ends of both of said pair of dielectric strips, said NRD guide circuit being provided with;

a low pass filter connected to a signal input terminal and

a high pass filter connected to an IF output terminal.

2. An NRD guide transceiver according to claim 1, being characterized in that the mount of said Schottky barrier diodes is formed in one body.

3. An NRD guide transceiver according to claim 1 or 2, being characterized in that a bias circuit for applying a bias voltage to said Schottky barrier diodes is juxtaposed.

4. An NRD guide transceiver characterized by comprising an NRD guide circuit comprising;

a pair of dielectric strips disposed between a pair of conductor plates arranged in parallel with each other at a specified interval,

an oscillator connected to one end of one of said pair

of dielectric strips,

an antenna connected to one end of the other of said pair of dielectric strips and

Schottky barrier diodes respectively connected to the other ends of both of said pair of dielectric strips, said NRD guide circuit being provided with;

two low pass filters respectively connected to a signal input terminal and a circuit terminal, and

a high pass filter connected to an IF output terminal, wherein;

a resistor is connected to an output terminal of the filter connected to said circuit terminal.

5. An NRD guide transceiver according to claim 4, being characterized in that the mount of said Schottoky barrier diodes is formed in one body.

6. An NRD guide transceiver according to claim 4 or 5, being characterized in that a bias circuit for applying a bias voltage to said Schottky barrier diodes is juxtaposed.

7. A portable download memory being connected directly to a receiving means and having DRAM into which data received by said receiving means is directly written.

8. A download memory according to claim 7, being characterized by further comprising a transmitting means for data transmission successively transmitting data stored in said download memory.

9. A download system characterized by comprising;

a server having;

a server side transmitting and receiving means capable

of performing a large-capacity and high-speed data transmission,

a server side memory having DRAM for storing large-capacity data in it and

a transmission side control means for making said server side transmitting and receiving means transmit requested data out of data stored in said server side memory according to a request from a client side, and

a client having;

a client side transmitting and receiving means for receiving data transmitted from said server side transmitting and receiving means,

a download memory having DRAM into which large-capacity data received by said client side transmitting and receiving means are directly written and

a reception side control means for indicating data to be downloaded to said server side and making the downloaded data be written into said download memory.

10. A download system according to claim 9, being characterized in that said server further comprises a non-volatile memory means for storing large-capacity data stored in said server side memory in it for backup.

11. A download system according to claim 9 or 10, being characterized in that said server side transmitting and receiving means and said client side transmitting and receiving means perform transmission and reception by means of a millimeter-wave transmission.

12. A download system according to claim 11, being

characterized in that at least one of said server side transmitting and receiving means and said client side transmitting and receiving means is a circuit using an NRD guide.

13. A download system according to claim 9, being characterized by further comprising a reproducing apparatus being capable of having said download memory connected to it and reproducing data stored in said download memory.

14. A download system according to claim 9, being characterized in that said download memory comprises a radio-transmitting means for successively radio-transmitting data stored in said download memory, a radio-receiving means for receiving data transmitted from said radio-transmitting means and a reproducing apparatus for reproducing received data.

15. A download system according to claim 9, being characterized by adding advertising data to said data to be downloaded.

16. A download system according to claim 12, being characterized in that said circuit using an NRD guide comprises;

a pair of dielectric strips disposed between a pair of conductor plates arranged in parallel with each other at a specified interval,

an oscillator connected to one end of one of said pair of dielectric strips,

an antenna connected to one end of the other of said

pair of dielectric strips,

Schottky barrier diodes respectively connected to the other ends of both of said pair of dielectric strips,

a low pass filter connected to a signal input terminal, and

a high pass filter connected to an IF output terminal.

17. A download system according to claim 12, being characterized in that said circuit using an NRD guide comprises;

a pair of dielectric strips disposed between a pair of conductor plates arranged in parallel with each other at a specified interval,

an oscillator connected to one end of one of said pair of dielectric strips,

an antenna connected to one end of the other of said pair of dielectric strips,

Schottky barrier diodes respectively connected to the other ends of both of said pair of dielectric strips,

two low pass filters respectively connected to a signal input terminal and a circuit terminal, and

a high pass filter connected to an IF output terminal, wherein;

a resistor is connected to an output terminal of the filter connected to said circuit terminal.

18. A download system according to claim 16 or 17, being characterized in that the mount of said Schottoky barrier diodes is formed in one body.

19. A download system according to claim 16 or 17, being

characterized in that a bias circuit for applying a bias voltage to said Schottky barrier diodes is juxtaposed.